



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India

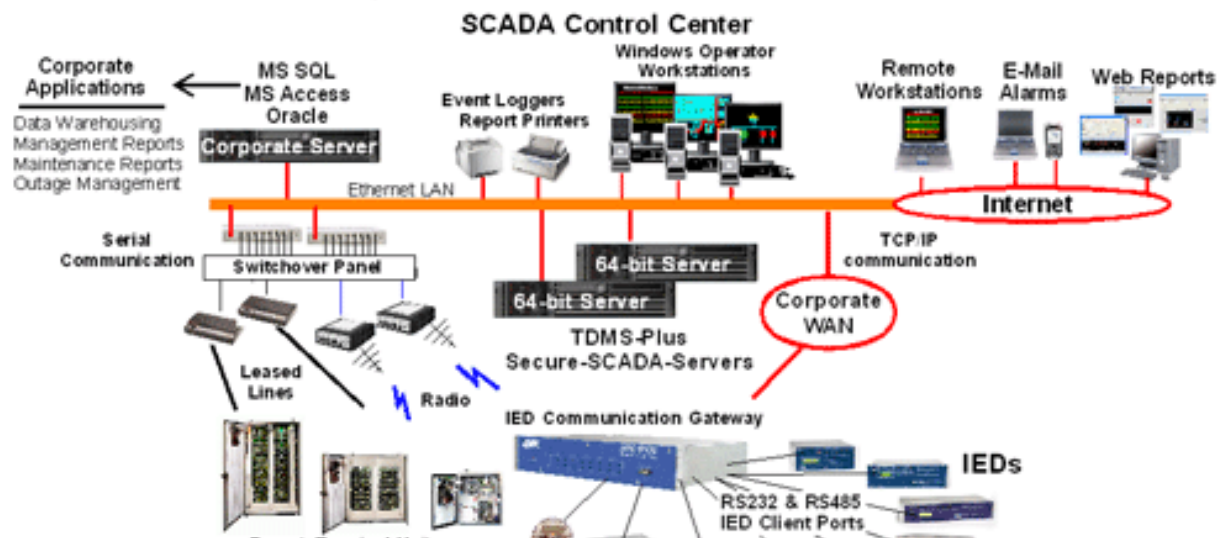


POWER & ENERGY DIVISION

Continuing Professional Development Programme on Distribution Business Management Implementing Information Technology & Operation Technologies

19 – 21 June, 2018

TDMS-Plus SCADA System



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

INTRODUCTION

Over the past few years, there has been a significant increase in the use of Information Technology (IT) and new operational Technologies (OT) in the power sector in India. The increase in the use of IT in public sector Discoms has been driven primarily by R-APDRP. The greater use of OT has also been made possible by funding from various government programs. The private Discoms too have been implementing these technologies driven by the need to reduce their technical and commercial losses and improve performance levels

Historically, IT and OT have occupied separate realms in the power sector. However, in order to realize their full potential, utilities need to integrate operational technologies such as Supervisory control and Data acquisition (SCADA), Distribution management system (DMS), Outage management system (OMS), and remote terminal units(RTU) with IT systems that support metering, analytics, customer information system, etc. This will lead to optimized business processes, better information for decision making, more effective network management and improved customer service. While IT-OT convergence is not entirely new, there are more business and technology reasons now than in the past, which are driving the integration of the two technologies..

OBJECTIVE

The objective of the program is to create awareness among the utility engineers about the various Information technologies and Operational technologies and integrating the two technologies for distribution management.

COURSE COVERAGE

- IT & OT Integration – Performance Improvement
- Role of IT in Power Distribution management
- Operational technologies- IT interface
 - Customer information system (CIS)
 - Customer relationship management (CRM)
 - System integration issues
 - Distribution Automation, SCADA
 - IT systems in Metering, Billing, Collections
- IT and OT applications
 - Asset management
 - Maintenance management
 - Geographical Information System (GIS)
 - Advanced Metering Infrastructure(AMI) and Smart Grids
- Ways towards Smart power distribution utility

METHODOLOGY

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The classrooms are provided with latest audio – visual teaching aids. The ambience in the campus and classrooms facilitate in effective learning by participants.

FACULTY

Apart from Core Internal Faculty, Consulting Firms, Government Organisations, Manufacturing, Academic and Research Institutions etc. will share the sessions.

TARGET PARTICIPANTS

Senior officers of Power Utilities / Corporations / State Govt. Organizations, Power Distribution Companies / Academic Institutions, etc.

PROGRAMME VENUE, DATES & TIMINGS

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

DATES

19 – 21 June, 2018

TIMINGS

On the first day registration will commence at 0900 Hrs. On all other days the programme timings will be from 0945 to 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

R V Chalapathi

Sr. Faculty - Power & Energy Division, ESCI

COURSE FEE

Residential Fee is Rs.15,000/- per participant. Fee includes Course Material, Course Kit, and Twin-sharing / Single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks.

DISCOUNTS

Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants.

Group Discount: 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI a week before the commencement of the programme)

GST @18% (as applicable) is to be paid extra over and above the training fee. ESCI's **Provisional ID No. 36AAATT3439Q1ZV. PAN Card No. AAATT3439Q;** The course fee is to be paid in favour of **“IE (I) – ENGINEERING STAFF COLLEGE OF INDIA”** in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 33705165550** with The SBI, Manikonda Branch, Gachi Bowli, Hyderabad – 500 032 by **NEFT / RTGS / IFSC Code No: SBIN0011076 – MICR No: 500002107.** While using EFT method of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title. hod of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title.

Online registration is available on ESCI website. To register, manually please send your nominations (**10 days** prior to date of commencement of the programme) giving details of name, designation, contact address, email address, mobile number,

telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

Head, Power & Energy Division

Engineering Staff College of India

Gachi Bowli, Hyderabad – 500 032

Phone: 040 –6630 4170 to 4177; 040-6630 4100, Fax: 040 – 23000336, 66304103

Email:pe.esci@gmail.com / pe@escihyd.org; Website: www.escihyd.org

(Or) Contact Mr. N Narasimha, Programme Officer, Ph : 040-66304173, Mob : 93466 69197 for nomination.

CERTIFICATE: A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab driver.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00 hrs a day prior to the commencement & check out at 12:00 hrs a day after completion of the programme)
- Overstay charges of @ Rs.990/- per day / per head including hospitality (Bed Tea / Coffee to Dinner) will be charged.
- Well developed Information Centre and Internet facilities are available to the participants free of cost.